

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(simonet near4 frederic).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/12 10:32
L2	49	(nicolas near5 morgantini near5 luc).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/12 10:32
L3	57	L1 or L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/12 10:32
L4	16	l3 and (salt).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/12 10:33
L5	11	L4 and (cationic near5 polymer).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/12 10:33

L6	1	L5 and (molecular near5 (mass or weight)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/12 10:34
S1	37374	((water adj3 water) with emulsion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:31
S2	5522	(w adj3 w) NEAR10 emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:32
S3	39617	amphoteric NEAR6 (surfactant or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:33
S4	112733	anionic NEAR6 (surfactant or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:34
S5	766	water adj soluble adj mineral	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:38

S9	563198	(sodium adj2 chloride) or (potassium adj2 chloride) or (calcium adj2 chloride) or (magnesium adj3 chloride) or (sodium adj3 citrate) or (ammonium adj3 chloride) or (monoethanolamine adj3 chloride) or (ammonium adj3 citrate) or (magnesium adj3 sulfate) or (sodium adj3 phosphate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:52
S10	41394	S2 or S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:52
S11	564056	S9 or II5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:52
S12	17706	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:53
S13	2349	S3 and S4 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:53
S14	232	(guar adj4 gum) with epoxypropyltrimethylammonium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:55

S15	1	S14 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 07:55
S21	33926	(cationic adj4 polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:01
S22	607	S13 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:01
S23	219	S22 and @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:06
S24	40781	amphoteric NEAR6 (surfactant or surface or emulsif\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:09
S25	125303	anionic NEAR6 (surfactant or surface or emulsif\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:09

S26	3673	S10 and S24 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:10
S27	2489	S26 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:10
S28	619	S27 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:11
S29	221	S28 AND @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:11
S30	180	S29 and (water adj2 water)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:13
S31	0	S29 and (water adj in adj water)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:14

S32	1	((water adj in adj water) with emulsion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:15
S33	68298	"w/w"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:16
S34	1301	"w/w" with emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:17
S35	106	S34 and S24 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:17
S36	38	S35 AND @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:17
S37	10	(water adj in adj water)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:19

S38	0	disodium adj2 cromolyn adj2 glycate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:22
S39	229	(disodium adj2 cromolyn adj2 glycate)or DSCG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:23
S40	156	S39 AND @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:23
S41	2	"4940575".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:33
S42	2	"4940576".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:37
S43	0	(water adj in adj water) with vesicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:42

S44	1266	polymer adj dispersion adj3 liquid adj3 crystal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:50
S45	3	S44 and S24 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:50
S46	2930	PDLC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:50
S47	52	S46 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:51
S48	3821	(liquid adj crystal) and topical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:52
S49	935	S48 and hair	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:52



S50	417	S49 and @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 08:52
S51	92	glucose near3 anionic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 09:16
S52	217	S50 and (water adj soluble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 09:20
S53	35	S52 and ((water adj soluble) near3 polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 09:21
S54	443	(Isopropyl adj myristate) near8 (emulsif\$3 or surface or surfactant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 09:42
S55	219	S48 and ((water adj soluble) near3 polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 09:56

S56	64	S55 AND @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 09:56
S57	27	S55 NOT oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 10:10
S58	2272	royce.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 10:21
S59	10390	wells.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 10:21
S60	46266	taylor.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 10:21
S61	2	S58 and S59 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 10:21

S62	3211	sodium adj lauryl adj ether adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:01
S63	45	(sodium adj lauryl adj ether adj sulfate) NEAR anionic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:02
S64	90	butyl adj digol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:06
S65	2	(butyl adj digol) NEAR5 (surfactant or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:06
S66	2	(butyl adj digol) NEAR5 (surfactant or surface or emuls\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:07
S67	2	(butyl adj digol) NEAR5 (surfactant or surface or emuls\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:07

S68	4	(butyl adj digol) NEAR10 (surfactant or surface or emuls\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:07
S69	405	(diethyleneglycol adj monobutyl adj ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:08
S70	0	S69 NEAR (anionic or ionic or nonionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:08
S71	1	S69 NEAR6 (anionic or ionic or nonionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 12:09
S72	327	conditioner AND (lauryl adj betaine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 13:59
S73	248	S72 AND emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 13:59

S74	93	S73 AND @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 13:59
S75	91	S74 AND ((lauryl adj betaine)NEAR "8" (amphoteric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:00
S76	27	S74 AND ((lauryl adj betaine)NEAR8 (amphoteric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:00
S77	26	S76 and (hair or skin or keratin or cosmetic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:01
S78	0	(lauryl adj betaine) NEAR8 hair	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:03
S79	0	(lauryl adj betaine)NEAR8 hair	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:03

S80	0	(lauryl adj betaine) NEAR8 conditioner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:03
S81	2	(lauryl adj5 betaine) NEAR8 conditioner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:04
S82	6	(lauryl adj5 betaine) NEAR8 condition\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:04
S83	0	(stearyl adj5 betaine) NEAR8 condition\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:06
S84	0	(stear\$3 adj5 betaine) NEAR8 condition\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:06
S85	12	(alkyl adj betaine) NEAR8 condition\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:06

S86	6	(alkyl adj betaine) NEAR8 advantageous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:29
S87	0	(lauryl adj betaine) NEAR8 advantageous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:30
S88	1270	(lauryl adj betaine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:30
S89	0	(lauryl adj betaine) near8 prefer\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:31
S90	0	(lauryl adj betaine) near8 preferred	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:31
S91	2	(lauryl adj betaine) near8 prefer\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:31

S92	11	(alkyl adj betaine) near8 prefer\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:32
S93	26	(alkyl adj betaine) near8 foam\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:38
S94	1	(alkyl adj betaine) near8 foam\$6 NEAR3 (reduc\$3 or reduction or decreas\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:39
S95	0	(alkyl adj betaine) near8 foam\$6 NEAR3 (undesirable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:40
S96	26	(alkyl adj betaine) near8 foam\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:40
S97	3	(alkyl adj betaine) near8 cream\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 14:40



S98	577211	emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 15:47
S99	141	emulsion NEAR3 lamellar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 15:48
S100	73	S99 and @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 15:48
S101	1104	(diethylene adj2 glycol) NEAR8 surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:34
S102	657	(diethylene adj2 glycol) NEAR5 surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:34
S103	177	surfactant adj3 (diethylene adj2 glycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:35

S104	3406509	droplet or crystal or lamellar or drop or emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:55
S105	5132969	droplet or crystal or lamellar or drop or emulsion or phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:55
S106	3000313	droplet or crystal or lamellar or drop	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:56
S107	17175	S106 and (oil near4 free)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:56
S108	2928	S107 and (skin or hair or keratin or nail or (finger adj3 nail) or (toe adj3 nail))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:59
S109	1726	S108 and ((cationic near12 polymer) or quaternary or (guar adj gum) or cellulose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 10:05

S110	1269	S109 and @ad<"20050101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 10:05
S111	0	S110 and (two adj water adj phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 10:06
S112	15	S110 and (two near3 water near3 phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 10:06
S113	810	S110 and (surfactant or (surface near3(active or acting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 10:10
S114	60	S113 and ((drop or droplet) near30 (surfactant or (surface near4 (active or acting))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/03 10:10
S115	1156	("w/w" near12 emulsion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 10:58

S116	779	S115 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 10:59
S117	1	(water adj in adj water) near12 emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:01
S118	0	(PEG adj in adj water) near12 emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:02
S119	108	(PEG near5 water) near12 emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:16
S120	98	"w/w" adj emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:19
S121	98	"w/w" adj1 emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:19

S122	0	"alcohol in water"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:22
S123	2122	(oil near4 free) near12 emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:24
S124	2155	(oil near4 free) near6 (emulsion or dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:24
S125	1181	(oil adj4 free) near6 (emulsion or dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:24
S126	801	S125 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:25
S127	410	S126 and (surfactant or (surface adj act\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:25

S128	529	(oil adj free) near12 (dispersion or emulsion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:33
S129	330	S128 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:46
S130	237	S129 and (salt or mineral or metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:54
S131	1070	(polyester) near3 cationic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:58
S132	43	(polyester) near3 cationic near4 includ\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 11:58
S133	84	S130 and (cation or postiv\$3 or cationic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:14

S134	110	S130 and (cation or positiv\$3 or cationic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:14
S135	18	S134 and guar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:18
S136	4271	(cationic or quaternary or diquaternary) near12 (dispers\$3 adj12 (surfactant or (surface adj act\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:36
S137	3136	S136 and (metal or salt) and anion\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:36
S138	925	S137 and (cosmetic or hair or keratin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:38
S139	408	S138 not antisense.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:39

S140	408	S139 not cdna.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:39
S141	16	(PEG adj "400" adj monostearate) near12 surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:49
S142	1	(PEG adj "400" adj monostearate) near12 surfactant near14 (cationic or nonionic or anionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:50
S143	1	(PEG adj "400" adj monostearate) near12 (cationic or nonionic or anionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:50
S144	1	(PEG adj "400" adj monostearate) near20 (cationic or nonionic or anionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:50
S145	1	(PEG adj monostearate) near20 (cationic or nonionic or anionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 12:51



S146	238	S140 and (drop\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:29
S147	76	S146 and (cationic near6 polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:32
S148	55	S147 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:32
S149	49	S148 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:37
S150	342	S140 and (drop or drops or droplet or particle or vesicle or miscelle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:42
S151	203	S150 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:42

S152	75	S151 and (cationic near6 polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:44
S153	46952	(cationic near6 polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:50
S154	18977	S153 and (chloride near8 (sodium or magnesium or potassium or calcium or ammonium or monoethanolamine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:54
S155	11862	S153 and (NaCl or KCl or "CaCL2" or (citrate near3 (sodium or ammonium)) or (sulfate near4 magnesium) or (sodium adj3 phosphate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:55
S156	22345	S154 or S155	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:55
S157	22345	S156 and S153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:55

S158	15998	S157 and (drop or droplet or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:56
S159	11750	S158 and ((surfactant) or (surface adj act\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:56
S160	2755	S159 and (cationic near30 (droplet or drop or particle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:58
S161	1742	S160 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:58
S162	27	S161 and ((cationic or guar) near12 internal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 13:59
S163	385	S161 and ((cationic or guar) near12 (internal or primary))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 14:03

S164	362	S163 and (cationic near20 (drop or droplet or particle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 14:09
S165	320	S163 and (cationic near12 (drop or droplet or particle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 14:09
S166	198	S163 and (cationic near4 (drop or droplet or particle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 14:09
S167	151	S166 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/30 14:11
S168	0	amphoteric adj12 (butylene adj diglycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:09
S169	0	nonionic adj12 (butylene adj diglycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:09

S170	0	amphoteric adj12 (butyl adj diglycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:09
S171	6	nonionic adj12 (butyl adj diglycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:10
S172	12	nonionic adj20 (butyl adj diglycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:11
S173	20	(surfactant or surface) adj12 (butyl adj diglycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:13
S174	186	(surfactant or surface) adj12 (diethylene near6 glycol near6 monobutyl near6 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:20
S175	8	(surfactant or surface) adj12 includ\$3 adj12 (diethylene near6 glycol near6 monobutyl near6 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:23

S176	1	(nonionic or amphoteric) adj3 (surfactant or surface) adj12 includ\$3 adj12 (diethylene near6 glycol near6 monobutyl near6 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:25
S177	19	cellulose adj15 (Merquat adj "100")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:48
S178	2	(cellulose adj ether) adj15 (Merquat adj "100")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 11:52
S179	418	(synthetic) adj12 (hydroxyethylcellulose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 14:11
S180	2530	lamellar.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 15:55
S181	1	S180 and ((polymer adj3 "JR") near12 (cellulose or cellulosic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 15:56

S182	16	epoxypropyltrimethylammonium and Jaguar and (polymer adj "JR")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 15:58
S183	333	(polyquaternium adj2 "10") and (lamellar or (liquid adj3 (crystal or crystalline)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 16:01
S184	307	S183 and (hair or keratin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 16:01
S185	148	S184 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 16:05
S186	36	(polyquaternium adj2 "10") same merquat same (polyquaternium adj3 "6") same (polymer adj2 "JR")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 16:29
S187	19	(polyquaternium adj2 "10") same merquat same (polyquaternium adj3 "6") same (polymer adj2 "JR") same guar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 17:39

S188	20	(polyquaternium adj2 "10") same merquat same (polyquaternium adj3 "6") same (polymer adj2 "JR") same (quaternary same cellulose or cellulosic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 17:41
S189	10	(polyquaternium adj2 "10") same merquat same (polyquaternium adj3 "6") same (polymer adj2 "JR") same (quaternary same (cellulose or cellulosic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 17:41
S190	790	((polyquaternium adj2 "6") or merquat) same ((polyquaternium adj3 "10") or (polymer adj2 "JR"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:35
S191	89	S190 and (lamellar or (liquid adj3 (crystal or crystalline)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:35
S192	44	S191 and @ad<"20040202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:35
S193	19	"6323165"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:46



S194	457	"2261002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:54
S195	8	"2261002".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:55
S196	5	"3472840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:56
S197	87	"4761273"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/11 18:56

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	8	(nicolas near5 morgantini near5 luc).in.	USPAT; UPAD	OR	ON	2009/08/12 10:34
L8	1	(simonet near12 frederic).in.	USPAT; UPAD	OR	ON	2009/08/12 10:43
L9	8	l7 or l8	USPAT; UPAD	OR	ON	2009/08/12 10:43
L10	4	L9 and (salt).clm.	USPAT; UPAD	OR	ON	2009/08/12 10:43
L11	1	L10 and (cationic near6 polymer).clm.	USPAT; UPAD	OR	ON	2009/08/12 10:43

8/12/2009 11:04:50 AM

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